

PAT-NO: JP362109175A

DOCUMENT-IDENTIFIER: JP 62109175 A

TITLE: DRAWING CONTROL SYSTEM

PUBN-DATE: May 20, 1987

INVENTOR-INFORMATION:

NAME

TANAKA, KEISUKE

ASSIGNEE-INFORMATION:

NAME

COUNTRY

MITSUBISHI ELECTRIC CORP

N/A

APPL-NO: JP60249998

APPL-DATE: November 8, 1985

INT-CL (IPC): G06F015/62

ABSTRACT:

**PURPOSE:** To reduce the labor for maintenance of a drawing and also to attain the unitary control of both the facility data and the drawing data, by supplying automatically the position data of a symbol on a handwritten drawing into the facility data of a facility file.

**CONSTITUTION:** A handwritten drawing is read by an image input device 3 and supplied to a high-speed image processor 2 in the form of the binary picture data to undergo the compression processing. This compressed picture data is stored in a disk device 5 via a central processing unit 1. The unit 1 recognizes the symbols such as utility poles, electric wires, transformers, etc. based on the binary picture data stored in the device 5 and then recognizes the positions and types of the utility poles. Then the unit 1 writes the result of symbol recognition to the facility data in response to the information on the poles and electric wires of the facility data stored in a facility file. Then only the topographical map is displayed on a graphic CRT 6

among those picture data and at the same time the facilities of the poles and electric wires are displayed on said topographical map. Then the topographical map and the facilities are put on each other to an electrostatic plotter 4 for print-out.

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